1. **A large cistern can be filled by two pipes P and Q. How many minutes will it take to fill the Cistern from an empty state if Q is used for half the time and P and Q fill it together for the other half?**
   A. 6.5 minutes
   B. 7.5 minutes
   C. 8.5 minutes
   D. 9.5 minutes
   E. None of the Above

   Answer & Explanation

2. **Two pipes M and N can fill a tank. If both the pipes are opened simultaneously, after how much time should N be closed so that the tank is full in 8 minutes?**
   A. 14 minutes
   B. 12 minutes
   C. 15 minutes
   D. 18 minutes
   E. None of the Above

   Answer & Explanation

3. **Three pipe E, F, and R can fill a tank. If Pipe R alone can fill a tank in 24 minutes then the pipe R is closed 12 minutes before the tank is filled. In what time the tank is full?**
   A. 8.(5/13)

Note: The Information Provided here is only for reference. It May vary the Original.

B. 8.(4/13)
C. 7.(4/13)
D. 8.(6/13)
E. None of these

Answer & Explanation

4. **Two pipes C and D can fill a cistern. If they are opened on alternate minutes and if pipe C is opened first, in how many minutes will the tank be full?**
A. 4 minutes
B. 5 minutes
C. 2 minutes
D. 6 minutes
E. None of the Above

Answer & Explanation

5. **Two pipes, A and B are opened simultaneously and it is found that due to the leakage in the bottom, 17/7 minutes are taken extra to fill the tank. If the tank is full, in what approximate time would the leak empty it?**
A. 27 minutes
B. 32 minutes

Note: The Information Provided here is only for reference. It May vary the Original.

C. 36 minutes
D. 39 minutes
E. None of these

Answer & Explanation

6. **A waste pipe, W can carry off 12 litre of water per minute. If all the pipes I, J and W are opened when the tank is full and it takes one hour to empty the tank. Find the capacity of the tank.**
A. 30
B. 45
C. 60
D. 75
E. None of these

Answer & Explanation

7. **Two pipes G, and H are opened and when the tank is 1/3 full a leak is developed due to which 1/3 water supplied by the pipe leaks out. What is the total time to fill the tank?**
A. 20/3 minutes
B. 35/3 minutes
C. 40/3 minutes

Note: The Information Provided here is only for reference. It May vary the Original.

D. 50/3 minutes

E. None of these

Answer & Explanation

8. **Two pipes E and F are opened simultaneously and it is found that due to leakage in the bottom of the tank it took 48 minutes excess time to fill the cistern. When is the cistern full, in what time will the leak empty it?**

A. 72 hours

B. 62 hours

C. 64 hours

D. 84 hours

E. None of the Above

Answer & Explanation

9. **Three pipes C, A and B can fill a tank. If pipe C is opened all the time and pipe A and B are opened for one hour alternatively. The tank will be full in**

A. 5hr

B. 6hr

C. 7hr

D. 8hr

E. None of these

Answer & Explanation

10. **Three pipes R, P and Q can fill the tank. R can fill the tank 5 minutes less than that of Q. If all the pipes are opened together and pipe P is turned off 5 minutes before the tank is filled. Then find the time in which the tank will full.**

A. 45/11hrs

B. 53/11hrs

C. 51/13hrs

D. 47/11hrs

E. None of these

Answer & Explanation

1. **P and R started the work jointly. A few days later U also joined them and thus all of them completed the whole work in 10 days. All of them were paid total Rs.600. What is the Share of U?**

A. Rs.360

B. Rs.385

C. Rs.240

D. can't be determined

E. None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **Q and S work together for 5 days, the rest of the work is finished by M in two more days. If they get Rs. 6000 as wages for the whole work, what are the daily wages of Q, S and M respectively?**

A. 200, 250, 300

B. 300, 200, 250

C. 600, 400, 200

D. 600, 400, 500

E. None of these

Answer & Explanation

3. **The efficiency of L is 25% more than P. L started a work alone and then P joined her 5 days before actual completion of the work. For how many days L worked alone?**

Note: The Information Provided here is only for reference. It May vary the Original.

A. 9
B. 11
C. 10
D. 25
E. 12

Answer & Explanation

4. **R started the work and left after some days, when 25% work was done. After it Z joined and completed it working for 25 days. In how many days R and Z can do the complete work, working together?**

A. 6
B. 8
C. 10
D. 12
E. 20

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **T and V started the work. After 3 days Z joined them, who can complete alone the same whole work in 3 days. What is the total number of days in which they had completed the work?**
   A. 12
   B. 8
   C. 4
   D. 6
   E. None of these

   Answer & Explanation

6. **A is twice efficient as B and together they do the same work in as much time as T and V together. In how many days A can complete the work individually?**
   A. 5 days
   B. 8 days
   C. 4 days
   D. 9 days
   E. None of these

   Answer & Explanation

7. **After working for 3 days S is joined by O. If they complete the remaining work in 3 more days, in how many days can O alone**

complete the work?

A. 10 days

B. 8 days

C. 5 days

D. 12 days

E. 15 days

Answer & Explanation

8. **M can do a piece of work 5 days less than that of P. M and P began to work together but M leaves after some days and P completed the remaining work in 12 days. Number of days after which M left the job-**

A. 5.7/9 days

B. 6.7/9 days

C. 7.7/9 days

D. 11.7/9 days

E. None of these

Answer & Explanation

9. **X can do a certain work in the same time in which Y and R together can do it. If X and Y together could do it in the same time as that of Q then Y alone could do it in:**

A. 15 days

B. 20 days
C. 25 days
D. 30 days
E. 35 days

Answer & Explanation

10. **A can do a piece of work 10 days more than that of Q. Both of them start the work but A leaves the work 5 days before its completion. Find the time in which work is completed**

A. 10
B. 15
C. 20
D. 25
E. None of these

Answer & Explanation

1. **A boatman rows down stream at 6kmph on Wednesday. Find the speed of upstream and Speed of current?**

1.7 kmph
2.2 kmph
3.3 kmph
4.5 kmph
5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **A boatman rows up stream at 4kmph, 2 kmph and 8 kmph on Monday, Wednesday and Thursday respectively. Then find the ratio between the down stream speed of boat on Monday, Wednesday, and Thursday together and the rate of current on the same days together?**

1.4:7

2.3:1

3.4:1

4.4:3

5.None of these

Answer & Explanation

3. **A boatman rows up stream at 16 kmph and 2 kmph on Tuesday and Friday. Then find the difference between the down stream speed of boat on Tuesday and Friday together and the speed of boat in still water on the same days together?**

1.7 kmph

2.11 kmph

3.5 kmph

4.3 kmph

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **What time will be taken by a boat to cover a distance on Tuesday along the stream, if the up stream of boat is 3 kmph?**

1.4 hours

2.5 hours

3.2 hours

4.3 hours

5.None of these

Answer & Explanation

5. **What is the sum of total distance travelled by the boat on Monday, Wednesday and Friday together?**

1.316

2.328

3.356

4.296

5.336

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

6. **Find the ratio between the down stream distance travelled by boat on Monday, Wednesday, Thursday and Friday together and the Up stream distance travelled by the boat on the same days together?**
   1.15:27
   2.14:21
   3.20:27
   4.17:24
   5.None of these

   Answer & Explanation

7. **Find the difference between the up stream distance travelled by boat on Tuesday and Friday together and the down stream distance travelled by boat on the same days together?**
   1.12 km
   2.18 km
   3.16 km
   4.14 km
   5.None of these

   Answer & Explanation

8. **Total downstream distance travelled by boat on Monday, Tuesday and Wednesday together is what percentage of total upstream distance travelled by boat on the same days together?**

Note: The Information Provided here is only for reference. It May vary the Original.

1.48.6%
2.46.7%
3.48.5%
4.47.5%
5.None of these

Answer & Explanation

9. **A boatman rows down stream at 6kmph on Wednesday. Find the time taken by the boat to cover upsream distance on the same day?**
1.50
2.40
3.20
4.36
5.None of these

Answer & Explanation

10. **A boatman rows up stream at 16 kmph on Tuesday. Find the approximate time taken by the boat to cover downstream distance on the same day?**
1.1
2.5
3.8

Note: The Information Provided here is only for reference. It May vary the Original.

4.6

5.None of these

Answer & Explanation

1. **A started a work alone and then B joined her 5 days before actual completion of the work. For how many days A worked alone?**

A. 9

B. 11

C. 10

D. 25

E. 12

Answer & Explanation

2. **Working together B and C take 50% more number of days than A, B and C together take and A and B working together, take 8/3 more number of days than A, B and C take together. If A, B and C all have worked together till the completion of the work and B has received Rs.120 out of total earnings of Rs. 480 then in how many days did A, B and C together complete the whole work?**

A. 2 days

B. 4 days

C. 6 days

Note: The Information Provided here is only for reference. It May vary the Original.

D. 8 days

E. 5 days

Answer & Explanation

3. **All of them started to work together but A leaves after 4 days. B leaves the job 3 days before the completion of the work. How long would the work last?**

A. 6 days

B. 9 days

C. 18 days

D. 5 days

E. None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **C started the work and left after some days, when 25% work was done. After it D joined and completed it working for 25 days. In how many days C and D can do the complete work, working together?**

A. 6

B. 8

C. 10

D. 12

E. 20

Answer & Explanation

5. **B and C started the work. After 3 days D joined them. What is the total number of days in which they had completed the work?**

A. 12

B. 8

C. 4

D. 6

E. None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

(Q.no: 6 -10). Refer to the table and answer the given questions.

NA refers the data which is not needed for a particular question. The price details of 5 products are given below and some of them are missing. Take the data of the first row for the first question and the second row for the second question and so on.

Product	MP	CP	SP	Profit(%)	Loss(%)	Profit/Loss
Mobile	NA	8400	__	5%	5%	_
Investment	NA	NA	NA	NA	40%	NA
2 Bags	NA	__	__	14%	14%	NA
TV	40%	54000	__	__	NA	NA
Machine	NA	NA	NA	30%	20%	NA

6. **Rahul purchased a mobile and sold it for a loss(loss % given in the table). From that money, he purchased another article and sold it for a gain of (Profit % given in the table). What is the overall gain or loss?**

   A. Profit of Rs.21

   B. Profit of Rs.24

   C. Loss of Rs.21

   D. Loss of Rs.24

   E. None of these

   Answer & Explanation

7. **A, B and C invests rupees 8000, 12000 and 10000 respectively in a business. At the end of the year the balance sheet shows a**

Note: The Information Provided here is only for reference. It May vary the Original.

loss of initial investment. Find the share of loss of B.

A.4000

B.4500

C.4800

D.5000

E.None of these

Answer & Explanation

8. **A Shop Keeper sells two bags for Rs. 500 each. On one, he gets % profit(as per the table) and on the other he gets % loss(as per the table). His profit or loss in the entire transaction was?**

A. 64/25 % Gain

B. 49/25 % Gain

C. 64/25 % Loss

D. 49/25 % Loss

E. None of these

Answer & Explanation

9. **The price of TV was marked up by %(as per the table).It was sold at a discount of 20% on the marked price. What was the profit percent of the cost price?**

A. 10%

B. 11%

C. 15%

Note: The Information Provided here is only for reference. It May vary the Original.

D. 12%

E. None of these

Answer & Explanation

10. **Preethi sold a machine to Shalini at a profit of %(as per table). Shalini sold this machine to Arun at a loss of %(as per table). If Preethi paid Rs.5000 for this machine, then find the cost price of machine for Arun?**

A. 6200

B. 5200

C. 4800

D. 4750

E. None of these

Answer & Explanation

1. **If the ratio of number of boys & girls are in the ratio 3:2 in N and P, find the average number of boys in N and P together ?**

1.377.15

2.379.25

3.320.75

4.397.5

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **Find the total no of failed students in M, O and Q together ?**

1.247

2.330

3.341

4.430

5.None of these

Answer & Explanation

3. **What will be the ratio of number of boys passed in N to number of girls failed in N, if the number of girls and boys in the ratio 16:11 ?**

1.121:24

2.7:11

3.103:529

4.21:37

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **Find the difference between the number of passed students in Q to number of failed students in M ?**

1.48

2.51

3.27

4.-32

5.None of these

Answer & Explanation

5. **Which centre has the second least number of failed student ?**

1.M

2.P

3.O

4.Q

5.N

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

II.Study the following table carefully to answer the given questions

Classification of 50 Students based on the marks obtained by them in Quants & Reasoning in Prelim exam

Subject	Mark Out of 100				
	80 and above	70 and above	50 and above	30 and above	0 and above
Quants	23	28	37	43	50
Reasoning	12	32	35	39	50
Average(Aggregate)	15	22	38	40	50

6. **The number of students scoring less than 30% marks in aggregate is?**

   1.15

   2.5

   3.20

   4.10

   5.None of these

   Answer & Explanation

7. **If it is known that at least 20 students were eligible for main exam, then the minimum qualifying marks in Reasoning for eligibility to attend the main exam(Top 20 students only can attend main exam)?**

   1.70-80

   2.above 80

3.70-60
4.50-70
5.None of these

Answer & Explanation

8. **The percentage of number of students scored 70% marks in Quants is what percentage of number of students scored 30% marks in aggregate ?**
1.60%
2.70%
3.50%
4.75%
5.None of these

Answer & Explanation

9. **If at least 50% marks in aggregate are required for interview, how many students will be eligible to attend interview?**
1.50
2.40
3.20
4.38
5.None of these

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

10. **What is the different between the number of students passed with 80 as cut-off marks in Quants and 30 as cut-off marks in aggregate together to no of students passed with 70 as cut-off marks in aggregate and 50 as cut off in Reasoning?**

1.11

2.5

3.8

4.6

5.None of these

Answer & Explanation

1. **In 2013, out of the total number of applications received for Universities P and Q together, only 30% were accepted. What was the total number of applications accepted for Universities P and Q together in 2013?**

A. 132

B. 135

C. 141

D. 123

E. None of the Above

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **In 2012, 30% of applications received for University P and 20% of applications received for University Q were from international students. What was the total number of International applicants for University P and Q together in 2012?**

A. 91
B. 97
C. 89
D. 93
E. 87

Answer & Explanation

3. **If the respective ratio of total number of applications received for University P and Q together in 2016 and 2017 is 3:4. What was the total number of applications received for University P and Q together in 2017?**

A. 456
B. 560
C. 540
D. 530
E. None of the Above

Answer & Explanation

4. **What is the average number of applications received for University P in 2013, 2015 and 2016?**

Note: The Information Provided here is only for reference. It May vary the Original.

A. 190
B. 180
C. 170
D. 200
E. 160

Answer & Explanation

5. **Number of applications received for University Q increased by what percent from 2012 to 2014?**
A. 100/7%
B. 200/7%
C. 300/7%
D. 400/7%
E. None of these

Answer & Explanation

II. (Q.no: 6-10). Refer to the following Line Graph and answer the given questions.

Note: The Information Provided here is only for reference. It May vary the Original.

6. **The number of people who traveled by Train B on Friday is 30% more than the people who traveled by the same train on Thursday. What is the respective ratio between the number of people who traveled on Friday and those who traveled on Saturday by the same train?**

A. 14:15

B. 13:14

C. 15:16

D. 13:14

E. 13:16

Answer & Explanation

7. **What is the difference between the total number of people who traveled by Train B on Saturday and Sunday together and the total number of people who traveled by Train A on Saturday and**

Note: The Information Provided here is only for reference. It May vary the Original.

Sunday together?

A. 20

B. 30

C. 10

D. 50

E. 40

Answer & Explanation

8. **What is the average number of people traveling by Train B on Monday, Tuesday, Wednesday and Thursday?**

A. 160.5

B. 130.5

C. 172.5

D. 165.5

E. 164.5

Answer & Explanation

9. **The number of people who traveled by Train A decreased by what percent from Saturday to Wednesday?**

A. 30%

B. 60%

C. 30%

D. 42%

E. 33%

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

10. **The total number of people who traveled by both the given trains together on Monday is approximately what percent more than the total number of people who traveled by both the given trains together on Wednesday?**

A. 68%

B. 63%

C. 62%

D. 69%

E. 65%

Answer & Explanation

1. **bruary & March and the total number of Shirts sold in both the shops together in January, November and December?**

1. 1060
2. 1070
3. 1020
4. 1010
5. 1050

Answer & Explanation

2. **The number of shirts sold in shop "A" in October, November and December is what % more than the number of shirts sold in**

Note: The Information Provided here is only for reference. It May vary the Original.

Shop "B" in the same months?

1. 25/4%
2. 45/4 %
3. 55/4 %
4. 75/4 %
5. None of the Above

Answer & Explanation

3. **What is the average number of Shirts in Shop "A" in October, November, December, February and March?**
   1. 205
   2. 215
   3. 207
   4. 210
   5. 206

Answer & Explanation

4. **The total number of shirts sold in Shop "B" in September is 20% less than the number of shirts sold in same town in October. The total number of shirts sold in Shop "B" in April is 20% more than the number of shirts sold in same town in March. what is the respective ratio between the number of shirts sold in September and those sold in April in the same shop?**

Note: The Information Provided here is only for reference. It May vary the Original.

1. 2:9
2. 1:5
3. 4:9
4. 2:7
5. 8:5

Answer & Explanation

II. Study the following information carefully and answer the questions that follow:

Percentagewise distribution of teachers who teach six different subjects

Total Number of Teachers = 1800

6. **If two-ninth of the teachers who teach Physics are females, then the number of male Physics teachers**

is approximately what percent of the total number of teachers who teach Geography?

1. 57%
2. 42%
3. 63%
4. 69%
5. None of these

Answer & Explanation

7. **In History, number of male teachers and female teachers are in the ratio of 1:1. If one-third of the teachers who teach Geography are females and the percentage of female teachers in History equals to the percentage of female teachers in Biology then what is the total number of male teachers who teach Geography, History and Biology?**

1. 624
2. 627
3. 776
4. 798
5. None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **What is the difference between the total number of teachers who teach History and Physics together and total number of teachers who teach Chemistry and Biology together?.**
   1. 352
   2. 362
   3. 342
   4. 353
   5. None of these

   Answer & Explanation

9. **If one – third of the teachers who teach Chemistry are females and the percentage of male teachers in Maths is 50%. What is the ratio of the male teachers who teach Chemistry to the number of female teachers who teach Maths?**
   1. 13 : 7
   2. 7 : 13
   3. 7 : 26
   4. 13 : 6
   5. None of these

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

10. **If the percentage of Chemistry teachers is increased by 50% and percentage of Maths teachers is decreased by 25%, what will be the total number of Chemistry and Maths teachers together?**

1. 390
2. 379
3. 469
4. 480
5. 459

Answer & Explanation

1. **The manufacturing company Tata wants to manufacture the most expensive Motor Vehicle then company will prefer vendors from which country based on manufacturing cost in INR ?**

1.Japan
2.India
3.German
4.Russia
5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **If Tat wants to manufacture a Vehice at the least cost then what would be the expenditure in INR ?.**

1.Rs.62370

2.Rs.54550

3.Rs.51569

4.Rs.49383

5.None of these

Answer & Explanation

3. **Tata company is plants to buy all spare parts either from China or from Russia. What will be the difference in Manufacturing cost (in Euro-approximate value)?.**

1.972

2.456

3.560

4.678

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **The company plans to design a new vehicle, for that Tata buy Body from German, Wheels from Russia, Engine from China and others from India. Find the total manufacturing cost in INR ?**

1.85338

2.86380

3.80269

4.88900

5.None of these

Answer & Explanation

5. **Apart from the cost of spare parts, an additional cost of INR 10,000 is required to produce each Vehicle. If the company Spent Rs.5938300 to buy parts from Japan then how many vehicle will be manufactured with this cost ?**

1.110

2.100

3.115

4.150

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

II. Study the following table carefully to answer the given questions

The table gives the sales of different Chocolates in a shop in three days of the week

Chocolates	Sunday		Tuesday		Friday	
	Number Sold	Selling Price	Number Sold	Selling Price	Number Sold	Selling Price
Diary Milk	230	12	126	20	265	5
Munch	120	5	70	10	150	10
Kitkat	59	10	20	25	90	12
Perk	26	6	17	12	43	10
Polo	100	8	85	12	150	5
Gems	200	7	135	20	280	12

1. **What is the average selling price is Gems sold over the three given days ?**

   1.Rs.11

   2.Rs.10

   3.Rs.13

   4.Rs.12

   5.None of these

   Answer & Explanation

2. **If the seller gets 2% profit on Tuesday by selling Diary milk. Find the approximate total cost price of Diary milk on Tuesday?**
   1.Rs.2490
   2.Rs.2471
   3.Rs.2548
   4.Rs,3124
   5.None of these

   Answer & Explanation

3. **How much amount will shopkeeper earn on Friday by selling chocolates alone ?**
   1.Rs.8050
   2.Rs.8555
   3.Rs.8545
   4.Rs.8445
   5.None of these

   Answer & Explanation

4. **Find the difference between the total number of chocolates sold on Friday to the total number of chocolates sold on Sunday ?**
   1.202
   2.125
   3.243
   4.193
   5.None of these

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

5. **The number of Gems chocolate is sold on Tuesday & Friday is how much % more than the number of Polo sold on Sunday and Friday?**

1.66%

2.56%

3.45%

4.65%

5.None of these

Answer & Explanation

1. **What is the ratio of no of boys in Economy to no of girls in Hotel Management ?**

1.47:81

2.168:125

3.119:92

4.17:40

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **What is the difference between the no of girls in IT and no of girls in ECE ?**

1.2100

2.5600

3.3200

4.4800

5.None of these

Answer & Explanation

3. **The number of boys in CS is approximately what % of total number of students in EEE ?**

1.36%

2.41%

3.27%

4.30%

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **What is the average number of girls students in the fields ECE, EEE and Hotel Management ?**

1.32,560

2.56,260

3.26,566

4.41,256

5.None of these

Answer & Explanation

5. **The large number of girls students distributed in which field ?**

1.ECE

2.CS

3.Hotel Management

4.IT

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

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II.Study the following table carefully to answer the following questions given below

Company	Total no of Employees	Out of Total no of employees		
		% of Science Graduates	% of Commerce Graduates	% of Engineering Graduates
Wipro	2100	30%		
TCS	700		31%	40%
HCL		30%	20%	
Infosys			40%	20%
CTS		35%	40%	

6. **The average no of Engineering graduates and commerce graduates in CTS was 520. What was the total no of employees in CTS ?**

   1.960

   2.1920

   3.1250

   4.1600

   5.None of these

   Answer & Explanation

7. **If the ratio of no of commerce graduates to that of Engineering graduates in Wipro was 9:6, what was the no of**

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engineering graduates in Wipro ?

1.588

2.466

3.755

4.634

5.None of these

Answer & Explanation

8. **If the difference between the no of Engineering graduate employees in Infosys and that in HCL was 300. What was the total no of employees in HCL. Assume no of employees in HCL and Infosys are same ?**

1.760

2.1120

3.900

4.1000

5.None of these

Answer & Explanation

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9. **The total no of employees in TCS is increased by 20% and then decreased by 20%, what is the total number of Science graduates in TCS ?**

1.201

2.195

3.312

4.106

5.None of these

Answer & Explanation

10. **If the total no of employees in Infosys is equal to twice the number of students in HCL .What is the ratio of number of commerce graduates in TCS to the no of engineering graduates in Infosys(Total no of employees in HCL is 1000) ?**

1.217:400

2.21:20

3.4:7

4.135:317

5.None of these

Answer & Explanation

1. **If the profit earned in 2011 by Company B was Rs. 5,85,000, what was the total income of the company in that year?**

A. Rs. 12,50,000

B. Rs. 12,62,500

C. Rs. 16,50,000

D. Rs. 14,85,000

E. None of these

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Answer & Explanation

2. **If the total amount invested by the two companies in 2014 was 30 lakh, while the amount invested by company B was 50% of the amount invested by Company A, what was the total profit earned by two companies together?**

A. Rs. 23 Lakhs

B. Rs. 24 Lakhs

C. Rs. 25 Lakhs

D. Rs. 21 Lakhs

E. None of these

Answer & Explanation

3. **If the amount invested by the two companies in 2010 was equal, what was the ratio of the total income of the company A to that of B in 2010?**

A. 31:33

B. 33:31

C. 34:11

D. 34:31

E. None of these

Answer & Explanation

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4. **If the Income of Company A in 2012 and that in 2013 were equal and the amount invested in 2012 was 10 lakh, what was the amount invested in 2013?**

A. Rs. 9,06,250

B. Rs. 8,06,750

C. Rs. 7,06,250

D. Rs. 5,06,750

E. None of these

Answer & Explanation

5. **If the amount of profit earned by Company A in 2011 was Rs. 11.55 Lakh, what was the total investment?**

A. Rs. 13 lakh

B. Rs. 15 lakh

C. Rs. 21 lakh

D. Rs. 24 lakh

E. None of these

Answer & Explanation

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6. **If the amount invested by Company B in 2009 is Rs. 16 lakh and the income of 2009 is equal to the investment in 2010, what is the amount of profit earned in 2010 by Company B?**
   A. Rs. 16.64 Lakh
   B. Rs. 18.62 Lakh
   C. Rs. 13.23 Lakh
   D. Rs. 13.64 Lakh
   E. None of these

   Answer & Explanation

7. **Approximately, what was the average % profit earned by Company B in all the years together?**
   A. 70%
   B. 75%
   C. 60%
   D. 50%
   E. None of these

   Answer & Explanation

8. **If the investments of the company A in 2012 and 2013 were equal, what is the difference between the profits earned in the two years if the income in 2013 was Rs.48 lakh?**
   A. Rs. 6.6 Lakh
   B. Rs. 4.5 Lakh
   C. Rs. 9.2 Lakh

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D. Rs. 5.6 Lakh

E. None of these

Answer & Explanation

9. **If each of the companies A and B invested Rs. 10 Lakh in 2015, what was the average profit earned by the two companies?**

A. Rs. 8 Lakh

B. Rs. 5 Lakh

C. Rs. 7 Lakh

D. Rs. 6 Lakh

E. None of these

Answer & Explanation

10. **What was the average percent profit earned by Company A in all the years together?**

A. 53.57%

B. 63.57%

C. 73.57%

D. 83.57%

E. None of these

Answer & Explanation

1. **By What approximate percent is the profit earned by the company in the month of February less than that earned in the**

month of January?

A. 32%

B. 35%

C. 41%

D. 45%

E. None of the Above

Answer & Explanation

2. **What is the difference between the total profit(in Rs. Thousand) earned by the company in the months of February, April and July and that earned in the months of January, March and June?**

A. 120

B. 130

C. 140

D. 160

E. None of the Above

Answer & Explanation

3. **What is the respective ratio between the percentage profits earned by the company in the months of March and May?**

A. 4:5

B. 2:3

C. 5:4

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D. 8:3

E. None of the Above

Answer & Explanation

4. **What is the approximate average expenditure of the company in the given months?(In Rs.Thousand)**

A. 385

B. 389

C. 365

D. 375

E. 370

Answer & Explanation

5. **In how many months, the income of a company was more than the average income during the given months?**

A. 1

B. 2

C. 3

D. 4

E. None of the Above

Answer & Explanation

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II. (Q.no: 6-10). Refer to the following Line Graph and answer the given questions.

6. **The number of people who travelled by Train B on Friday is 20% more than the people who travelled by the same train on Thursday. What is the respective ratio between the number of people who travelled on Friday and those who travelled on Saturday by the same train?**

A. 4:5

B. 3:4

C. 5:6

D. 3:4

E. 1:4

Answer & Explanation

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